Routine Influenza Algorithm Michigan Department of Community Health Instructions for Clinical Labs

NOTE: MDCH performs routine year round surveillance for influenza. Please visit the MDCH website at www.michigan.gov/flu and MIHAN for updates.

[‡] Criteria for novel/avian influenza testing include **Routine Influenza Testing:** signs and symptoms suggestive of influenza Routine surveillance through laboratories and * Acceptable s pecimens (fever, headache, tiredness, for routine seasonal flu: physicians enrolled in Sentinel Surveillance cough, sore throat, muscle NP wash, bronchial Program. See page 2 of this algorithm if aches, and radiograph lavage, NP swab, throat evidence of pneumonia) patient meets criteria for testing[‡] for novel swab. and travel to an area with influenza.8 confirmed human cases of Postmortem specimens: avian influenza and direct parafin-embedded or or unprotected exposure to formalin-fixed Collect acceptable specimen * or isolate infected birds (including respiratory tissue. and ship to MDCH immediately with feathers, feces and under-Consult MDCH Bureau cooked meat and egg frozen cold packs. of Epidemiology at (517) products). For a current 335-8165 prior to listing of affected areas, go submitting samples. to www.pandemicflu.gov Viral respiratory culture performed at **MDCH** Negative Positive Further viral characterization, i.e., Result reported via MDCH Influenza A subtyping, performed at **Laboratory Information** MDCH. If results indicate novel/avian strain isolate will be sent to CDC. Management System (LIMS). ⁸ A **novel Influenza subtype** is one that Result reported via MDCH LIMS. has not previously been circulating in the human population, resulting in a population that is immunologically naïve

to the virus.